

ABSTRACT OF THE DISCLOSURE

Performing communications between numerical control apparatus 1a and peripheral devices (composed of at least one of a servo amplifier 2a, a spindle amplifier 3a and a remote I/O unit 4a) by connecting a numerical control apparatus 1a and peripheral devices using a communication cable composed of a pair of data transmission cables 7 for transmission and a pair of data transmission cables 8, in a numerical control system having numerical control apparatus 1a and peripheral devices composed of at least one of a servo amplifier 2a, a spindle amplifier 3a and a remote I/O unit 4a.